

(C) WPI / DERWENT

- AN - 83-28001K [12]
- AP - JP810122148 810803
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- TI - Insect resistant plywood prepn. - involves adding O,O-di:methyl O-(3-methyl-4-nitrophenyl) phosphoro:thioate and surfactant to adhesive used
- IW - INSECT RESISTANCE PLYWOOD PREPARATION ADD DI METHYL METHYL NITROPHENYL PHOSPHORO THIOATE SURFACTANT ADHESIVE
- PA - (SHID) SHINTO PAINT CO LTD
- (SUMO) SUMITOMO CHEM CO LTD
- PN - JP58022107 A 830209 DW8312 005pp
- JP63063361B B 881207 DW8901 000pp
- IC - B27K3/50
- AB - J58022107 Prepn. comprises adding 00-dimethyl O-(3-methyl-4-nitrophenyl) phosphorothioate (A) and nonionic and/or anionic surface active agent (in an amount of less than 10 wt% based on (A)) to an adhesive which condenses using formaldehyde so that the addition amt. of (A) 100-1000 g/cm² based on the plywood. The individual plates are bound together with the treated adhesive.
 - Adhesives which condense with formaldehyde are urea melamine etc. ✓ based. Pref. nonionic surface active agents are polyoxyethylene styrylphenyl ether polyoxyethylene sorbitane alkylate polyoxyethylene alkylallyl ether etc. Pref. anionic surface active agents are calcium dodecylbenzenesulphonates metal alkylallylsulphonic acid salts etc. Use amount of the surface active agent is 1-10 (2-5) wt% based on (A). It is possible to use (A) and the surface active agent in the form of organic solvent soln. Pref. solvents are xylene lamp oil methylisobutylketone etc.
 - (A) can permeate into wood. The adhesive strength of the adhesive and weather-resistance of the plywood do not decrease due to addition of (A) to the adhesive. Bad smells are not generated when mixing the adhesive with (A).